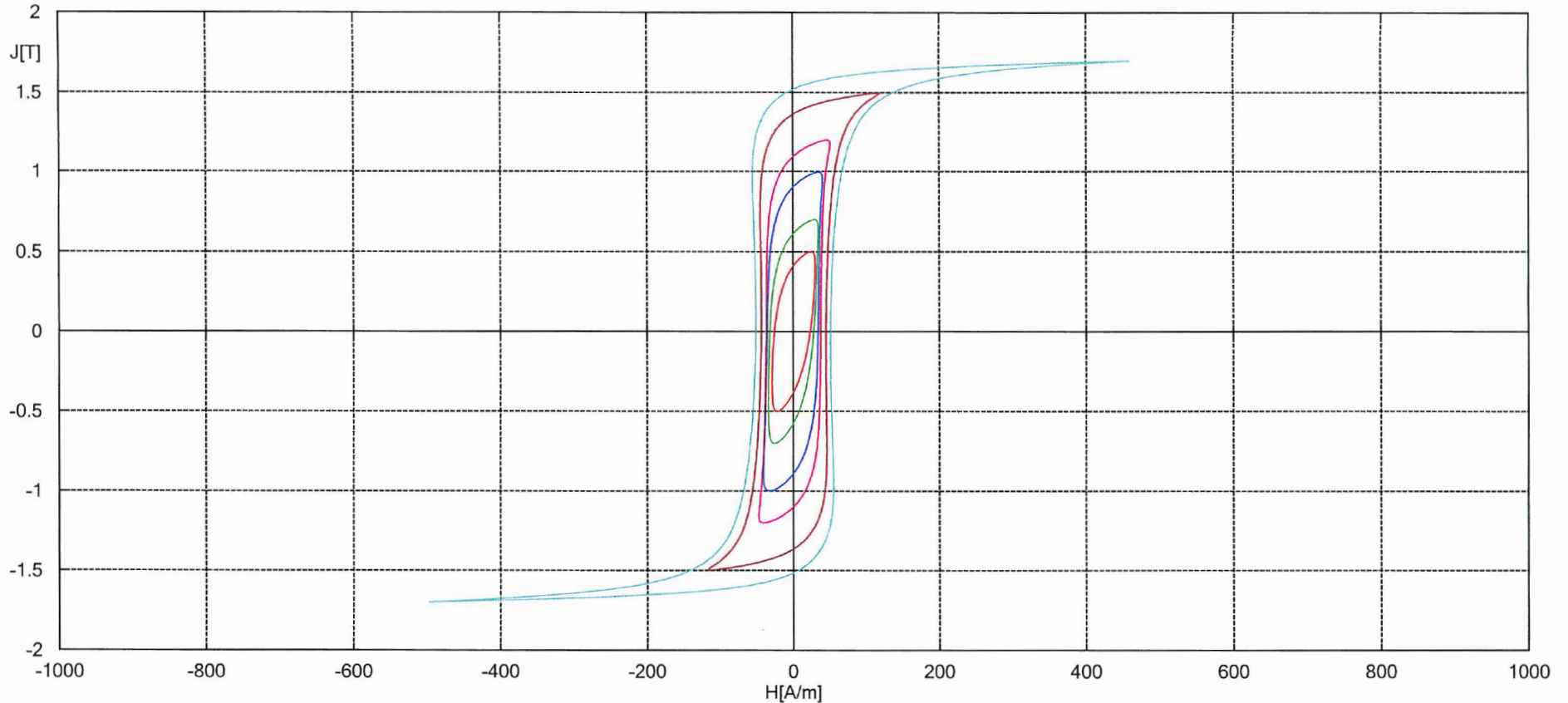


# 4 Mil Grain Oriented Silicon Steel Hysteresis Curve at 400 Hz



	1	2	3	4	5	6			
Bmax =	0.502	0.701	0.997	1.2	1.5	1.7	T	Frequency	:400Hz
Hmax =	29.5	34.9	40.5	50	118	461	A/m	Waveform	:Sine
Fb =	1.109	1.109	1.109	1.108	1.106	1.107		Amplitude	:1.46 V
Br =	0.396	0.592	0.897	1.1	1.36	1.52	T	Points per period	:500
Hc =	24.5	30.1	35	37.2	44.4	51.3	A/m	Spec. temp.	:25 °C
Ps =	1.91	3.38	5.98	8.04	13.46	20.14	W/kg	Turns	:N1=30; N2=10
Ss =	2.45	4.14	7.06	9.413	20.7	68.7	VA/kg	Density	:7.65 g/cm <sup>3</sup>
μs =	13.5·10 <sup>3</sup>	16.1·10 <sup>3</sup>	19.4·10 <sup>3</sup>	19.5·10 <sup>3</sup>	10.1·10 <sup>3</sup>	2819		Mass	:20.2 g
								Path length	:91.48 mm
								Area	:28.863 mm <sup>2</sup>